CLAIM AMENDMENTS

The following is a complete list of claims. The claims below replace all prior versions of the claims in the application. Please amend claims 1, 10, 16, 17 and 21; please add claims 26 – 31.

1. (Currently Amended) A removable device operable to be releasably mounted to an electronic system, the removable device comprising ~~including~~ a multifunction handle coupled to the device, the multifunction handle including a force-developing portion and ~~including~~ an interlock portion adapted to be engaged by an interlock component, the handle operable to develop an insertion force at the force-developing portion responsive to a force applied to the handle and different than the force applied to the handle, and operable to secure the removable device in a desired position and prevent use of the handle responsive to the interlock portion being engaged by the interlock component.

2. (Original) The removable device of claim 1 wherein the force-developing portion comprises a cam.

3. (Original) The removable device of claim 1 wherein the interlock portion comprises an aperture in the handle and an aperture in a side of the removable device, and wherein the interlock component comprises a rod adapted to extend through the two apertures.

4. (Original) The removable device of claim 3 wherein the removable device comprises a removable mass storage device.

5. (Original) The removable device of claim 1 wherein the removable drive has a top panel, bottom panel, and two side panels, and wherein the multifunction handle rotates in an upward and a downward direction about an axis that is parallel to the top and bottom panels.

6. (Original) The removable device of claim 1 wherein the removable drive has a top panel, bottom panel, and two side panels, and wherein the multifunction handle develops the insertion force responsive to a sideways force applied leftward or rightward to the handle.

7. (Original) The removable device of claim 1 wherein the handle comprises:

a front member;

a back member;

a first side member having a first end coupled to the front member and a second end coupled to the back member;

a second side member having a first end coupled to the front member and a second end coupled to the back member, and including an aperture corresponding to the interlock portion; and

at least one insertion cam extending from the back member.

8. (Original) A computer system, comprising:

computer circuitry;

at least one drive bay, each drive bay being electrically coupled to the computer circuitry, and each drive bay including,

an interlock mechanism, and

a release switch; and

at least one removable device, each removable device being adapted to be positioned in a drive bay and including a multifunction handle having an interlock portion, the handle developing an insertion force responsive to a force applied to the handle to assist in inserting the device into the bay, and the interlock mechanism operable to engage the interlock portion responsive to an activation signal from the computer circuitry, and the interlock mechanism operable to disengage the interlock portion responsive to a deactivation signal from the computer circuitry developed responsive to the release switch being activated.

9. (Original) The computer system of claim 8 wherein each handle includes a cam that functions as a force-developing portion to develop the insertion force.

10. (Currently Amended) The computer system of claim 8 wherein each interlock portion comprises an aperture ~~and aperture~~ formed in the handle.

11. (Original) The computer system of claim 8 further comprising:

at least one input device coupled to the computer circuitry;

at least one data output device coupled to the computer circuitry; and

at least one permanent data storage device.

12. (Original) The computer system of claim 8 wherein the interlock mechanism comprises a solenoid.

13. (Original) The computer system of claim 8 wherein the removable device comprises a removable mass storage device.

14. (Original) The computer system of claim 8 wherein the removable drive has a top panel, bottom panel, and two side panels, and wherein the multifunction handle rotates in an upward and a downward direction about an axis that is parallel to the top and bottom panels.

15. (Original) The computer system of claim 8 wherein the removable drive has a top panel, bottom panel, and two side panels, and wherein the multifunction handle develops the insertion force responsive to a sideways force applied leftward or rightward to the handle.

16. (Currently Amended) The computer system of claim 8 wherein the release ~~release~~ switch comprises a switch positioned adjacent an opening of each drive bay.

17. (Currently Amended) A multifunction handle adapted to be coupled to a removable device, the multifunction handle comprising ~~including~~ a force-developing portion and ~~including~~ an interlock portion adapted to be engaged by an interlock component, the handle operable to develop an insertion force at the force-developing portion responsive to a force applied to the handle and different than the force applied to the handle, and operable to be secured in a fixed position responsive to the interlock portion being engaged by the interlock component.

18. (Original) The multifunction handle of claim 17 wherein the force-developing portion comprises a cam.

19. (Original) The multifunction handle of claim 17 wherein the interlock portion comprises an aperture.

20. (Original) The multifunction handle of claim 17 comprising:

a front member;

a back member;

a first side member having a first end coupled to the front member and a second end coupled to the back member;

a second side member having a first end coupled to the front member and a second end coupled to the back member, and including an aperture corresponding to the interlock portion; and

at least one insertion cam extending from the back member.

21. (Currently Amended) A method of inserting a removable drive into a drive bay of a computer system, the removable drive including a handle and the method comprising:

applying a force to the handle;

generating, with a force-developing portion of the handle, an insertion force in response to the applied force to insert the drive into the drive bay, wherein the insertion force is different than the force applied to the handle;

detecting the insertion of the drive into the drive bay; and

disabling use of the handle and securing the drive in the drive bay responsive to the detecting the insertion of the drive into the drive bay;

~~detecting activation of a release mechanism; and~~

~~enabling use of the handle responsive to detecting activation of the release mechanism.~~

22. (Original) The method of claim 21 wherein detecting activation of a release mechanism comprising detecting an activation of a switch.

23. (Original) The method of claim 22 wherein detecting an activation of a switch comprises detecting selection of a soft switch displayed by the computer system.

24. (Original) The method of claim 21 further comprises updating information stored on the removable drive after detecting activation of a release mechanism and before enabling use of the handle.

25. (Original) The method of claim 21 wherein disabling use of the handle comprises inserting a rod through an aperture in the handle.

26. (New) The handle of claim 1 wherein the developed insertion force is greater than the force applied to the handle.

27. (New) The handle of claim 1 wherein the force applied to the handle is applied in a direction, and the developed insertion force is applied to the removable device at an angle relative to the direction.

28. (New) The handle of claim 17 wherein the developed insertion force is greater than the force applied to the handle.

29. (New) The handle of claim 17 wherein the force applied to the handle is applied in a direction, and the developed insertion force is applied to the removable device at an angle relative to the direction.

30. (New) The method of claim 21 wherein applying the force to the handle includes pivoting the handle.

31. (New) The method of claim 21 further comprising:

detecting activation of a release mechanism; and

enabling use of the handle responsive to detecting activation of the release mechanism.